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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/987,390	11/14/2001	Dong Jae You	041501-5462	7015
9629	7590	12/30/2003	EXAMINER	
MORGAN LEWIS & BOCKIUS LLP			DUONG, HUNG V	
1111 PENNSYLVANIA AVENUE NW			ART UNIT	
WASHINGTON, DC 20004			PAPER NUMBER	

2835

DATE MAILED: 12/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/987,390	<b>Applicant(s)</b> YOU ET AL.	
	<b>Examiner</b> Hung v Duong	<b>Art Unit</b> 2835	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on RCE dated 9/22/2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                             | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-8, 10, 12-14, and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over figures 5 & 7 in view of figure 2 of Cho et al. (US Pat. 6,411, 501).

Regarding claims 1-8, 10, 12-14, and 16 Cho et al in figures 5, and 7, discloses a structure for assembling a flat display having a flat display module 10 for displaying images with a case for fitting the flat display module therein, the structure comprising: a plurality of joining parts 15 formed at a rear surface 16b of the flat display module 10; and a plurality of conformable joining parts 27 formed in the case 30 in conformity with the joining parts 15 of the flat display module 10, the plurality of conformable joining parts 27 being engaged with the plurality of joining parts 15 in a fit manner (see column 5, lines 60-62). The joining parts 15 of the flat display module 10 are formed adjacent edges of the rear surface 16b of the flat display module 10, each of the joining parts 15 of the flat display module 10 is a recess 15, and each of the conformable joining parts 27 of the case 30 is a protrusion inserted into and fit to the corresponding recess 15 (see column 5, lines 60-62). Each of joining parts of the flat display module is a recess

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15 formed along a side surface of the flat display module 10, and each of the conformable joining parts of the case is a hook 27 (see column 6, line 19) engaged with the corresponding recess 15 (see column 6, lines 9-13). The case is rear cover 30.

Figures 5 and 7 fails to disclose the rear surface of the display module is in direct contact with an opposing surface of the case from which the plurality of conformable joining parts are arranged upon. However figure 2, disclose the rear surface of the display module is in direct contact with an opposing surface of the case from which the plurality of conformable joining parts are arranged upon. Therefore, it would be obvious to one of ordinary skill to modify a display of figure 2 into display 's figures 5 and 7 as applicant's invention in order to support the LCD.

3. Claims 9, 11, 15, and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over figures 5 & 7 in view of figure 2 of Cho et al. (US Pat. 6,411, 501) and further in view of Lee (US Pat. 6,104,605).

Regarding claims 9, 11, 15, and 19, Cho et al disclose all the subject matter of the claimed inventions except for a case including a front frame and a rear cover. However, Lee teaches a case including a front frame and a rear cover (see Lee figure 5). Therefore, it would be obvious to one of ordinary skill to modify the case of Cho et al to include a front frame and a rear cover as taught by Lee in order to hold the liquid crystal display so that it can be oriented to the improved LCD cover within the computer system.

***Response to Amendment***

4. Applicant's arguments with respect to claims 1-17 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

None.

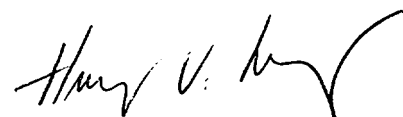
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung v Duong whose telephone number is 703- 308-4889. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on 703 308 4815. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 0956.

HVD

12/21/03



Hung Duong  
Patent Examiner.